



8th Grade

Investigation Activities
Results
for
Student Portfolio

Reality Test: *Dependable Strengths*

Purpose: You know your Good Experiences and several of your *Dependable Strengths*. This activity is designed to affirm your most powerful and Dependable Strengths.

Important: You must have completed the ten-page DSP form and *Dependable Strengths* Chart before completing this page.

Instructions: List at least six strengths / activities you feel must be elements of your “ideal” life and job, things you do well and enjoy doing. Knowing the name of the strength is less important than knowing what you mean.



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Name: _____ Date: _____

Report on the strengths of

Teresa Hill

Rural County High School
Rural County, ID 83621

Strengths I can offer

- ! Science
- ! Training
- ! Patience
- ! Compassion
- ! Motivation

**Proof I have
these strengths**

- ! Trained my dog to do five tricks
- ! Won first place at the Science Fair
- ! Served as a teacher's aide for Special Education students; demonstrated great patience
- ! Volunteered at a nursing home where I provided services for the elderly
- ! Encouraged three teammates to train hard on the track team

Please Ask Me Some Questions About My Report!!!

(A sample outcome from Dependable Strengths Articulation Process)

Strengths Constellations

To be used with the website:
<http://www.uidaho.edu/pathways/pathways.htm>

Arts & Communications Career Pathway

Artistic Design Career Major

- ☐ Creativity
- ☐ Visualization
- ☐ Computer Technician
- ☐ Listening / Interpretation
- ☐ Deadlines / Detail



- ☐ Ideas/ Information



- ☐ Storytelling

- ☐ Story boarding








- ☐ Investigation / Observation





- ☐ Creative Production






Arts & Entertainment Career Major






- ☐ Physical Movement
- ☐ Showmanship
- ☐ Creativity
- ☐ Memory
- ☐ Music







Business & Management Career Pathway		
Accounting Career Major	Computer Science & Information Systems Career Major	Management Career Major
<input type="checkbox"/> Systems / Procedures <input type="checkbox"/> Analysis <input type="checkbox"/> Numbers <input type="checkbox"/> Controls <input type="checkbox"/> Detail 	<input type="checkbox"/> Technical Documentation <input type="checkbox"/> Systems <input type="checkbox"/> Applications <input type="checkbox"/> Problem Solving <input type="checkbox"/> Manage Information 	<input type="checkbox"/> Strategic Planning <input type="checkbox"/> Leading <input type="checkbox"/> Organizing / Organizational Development <input type="checkbox"/> Staffing / Teaming <input type="checkbox"/> Evaluating 
Banking & Finance Career Major	Consumer & Personal Services Career Major	Administrative Support Career Major
<input type="checkbox"/> Financial Management <input type="checkbox"/> Financial Planning <input type="checkbox"/> Investing <input type="checkbox"/> Record Keeping <input type="checkbox"/> People Relations 	<input type="checkbox"/> Attentiveness / Observant <input type="checkbox"/> Following Procedures <input type="checkbox"/> People Relations <input type="checkbox"/> Problem Solving <input type="checkbox"/> Pressure Situations 	<input type="checkbox"/> Detail / Accuracy <input type="checkbox"/> Follow through <input type="checkbox"/> Organizing <input type="checkbox"/> Communications <input type="checkbox"/> Technology Awareness 
Marketing & Sales Career Major		
<input type="checkbox"/> Competitive Analysis <input type="checkbox"/> Persuasion / Closing <input type="checkbox"/> Consumer Research <input type="checkbox"/> Persistence <input type="checkbox"/> Ideas 		

Health Services Career Pathway	
Health Diagnostics Career Major	Health Therapy Career Major
<div><div><div><input type="checkbox"/> Preparation Procedures</div><div><input type="checkbox"/> Investigation</div><div><input type="checkbox"/> Quality Assurance / Quality Controls</div><div><input type="checkbox"/> Analysis</div><div><input type="checkbox"/> Reporting</div></div><div></div></div>	<div><div><div><input type="checkbox"/> Data Collection</div><div><input type="checkbox"/> Treatment Planning</div><div><input type="checkbox"/> Implementation</div><div><input type="checkbox"/> Evaluation</div><div><input type="checkbox"/> Communication</div></div><div></div></div>
Health Information & Support Career Major	Health Care Environmental Services Career Major
<div><div><div><input type="checkbox"/> Information Systems</div><div><input type="checkbox"/> Information Coding</div><div><input type="checkbox"/> Legality</div><div><input type="checkbox"/> Documentation</div><div><input type="checkbox"/> Analysis</div></div><div></div></div>	<div><div><div><input type="checkbox"/> Asepsis</div><div><input type="checkbox"/> Resource Management</div><div><input type="checkbox"/> Aesthetics</div><div><input type="checkbox"/> Environment Operations</div><div><input type="checkbox"/> Reporting</div></div><div></div></div>

Human Resources Career Pathway	
Legal Services Career Major <ul style="list-style-type: none"> <input type="checkbox"/> Influencing / Words <input type="checkbox"/> Research / Memory <input type="checkbox"/> Documents <input type="checkbox"/> Analysis <input type="checkbox"/> Interviewing 	Protective Services Career Major <ul style="list-style-type: none"> <input type="checkbox"/> Observation / Investigation <input type="checkbox"/> Fact / Evidence / Procedures <input type="checkbox"/> Reports <input type="checkbox"/> Mediation <input type="checkbox"/> Risk-Taking 
Social Services Career Major <ul style="list-style-type: none"> <input type="checkbox"/> People / Relationships <input type="checkbox"/> Listening / Compassion <input type="checkbox"/> Information <input type="checkbox"/> Diagnostics <input type="checkbox"/> Helping 	
Educational Services Career Major <ul style="list-style-type: none"> <input type="checkbox"/> Supervise / Classroom Management <input type="checkbox"/> Communicating / Instructing <input type="checkbox"/> Human Development <input type="checkbox"/> Lesson Planning <input type="checkbox"/> Knowledge / Skills 	Recreation & Coaching Career Major <ul style="list-style-type: none"> <input type="checkbox"/> Fundamentals / Techniques <input type="checkbox"/> Directing / Organizing <input type="checkbox"/> Physical Activity <input type="checkbox"/> Motivating <input type="checkbox"/> Strategy 

Industrial & Engineering Career Pathway	
Construction Career Major	Mechanical Career Major
 <ul style="list-style-type: none"> <input type="checkbox"/> Structural Design / Procedures <input type="checkbox"/> Tools / Equipment <input type="checkbox"/> Manual Dexterity <input type="checkbox"/> Materials <input type="checkbox"/> Building 	<ul style="list-style-type: none"> <input type="checkbox"/> Diagnostics / Observation <input type="checkbox"/> Components / Systems <input type="checkbox"/> Maintain <input type="checkbox"/> Tools / Equipment <input type="checkbox"/> Repair 
Production & Manufacturing Career Major	
<ul style="list-style-type: none"> <input type="checkbox"/> Process / Procedures <input type="checkbox"/> Fabrication <input type="checkbox"/> Machines <input type="checkbox"/> Precision <input type="checkbox"/> Layout 	
Technical Service & Repair Career Major	Engineering Career Major
<ul style="list-style-type: none"> <input type="checkbox"/> Electrical / Electronic <input type="checkbox"/> Customer Relations <input type="checkbox"/> Install / Repair <input type="checkbox"/> Diagnostics <input type="checkbox"/> Detail 	<ul style="list-style-type: none"> <input type="checkbox"/> Planning / Designing <input type="checkbox"/> Mathematics / Science <input type="checkbox"/> Developments <input type="checkbox"/> Problem Solving <input type="checkbox"/> Standards 

Natural Resources Career Pathway	
Agricultural Sciences Career Major	Forestry & Conservation Career Major
<div><div><div><input type="checkbox"/> Tools / Equipment</div><div><input type="checkbox"/> Science / Research</div><div><input type="checkbox"/> Growing / Producing</div><div><input type="checkbox"/> Outdoors</div><div><input type="checkbox"/> Animals / Plants</div></div><div></div></div>	<div><div><div><input type="checkbox"/> Outdoors / Field Work</div><div><input type="checkbox"/> Science / Research</div><div><input type="checkbox"/> Conserving / Protecting</div><div><input type="checkbox"/> People / Regulations</div><div><input type="checkbox"/> Resource Management</div></div><div></div></div>
Environmental Sciences Career Major	Exploratory Sciences Career Major
<div><div><div><input type="checkbox"/> Air / Water / Soil</div><div><input type="checkbox"/> Chemicals</div><div><input type="checkbox"/> Ecosystems</div><div><input type="checkbox"/> Outdoors</div><div><input type="checkbox"/> Waste Management</div></div><div></div></div>	<div><div><div><input type="checkbox"/> Technologies</div><div><input type="checkbox"/> Research</div><div><input type="checkbox"/> Discovery</div><div><input type="checkbox"/> Analysis</div><div><input type="checkbox"/> Measuring / Precision</div></div><div></div></div>

Educational Plan

Educational Goal:

_____ Technical School

_____ Two Year College

_____ Other

_____ Four Year College

_____ High School

_____ Military

School Choice #1:

School Choice #2:

Career Goal:

Arts/Communication

Business/Management

Health Services

Human Resources

Industrial/Engineering

Natural Resources

High School Course-Work Plan			
XX XX			
Freshman		Sophomore	
English	English	English	English
Science	Science	Science	Science
Math	Math	Math	Math
Social Studies	Social Studies	Health	Speech
Keyboarding	Reading		
XX XX			
Junior		Senior	
English	English	English	English
US History	US History	Government	Government
Consumer Economics			

Extra Curricular Activities:



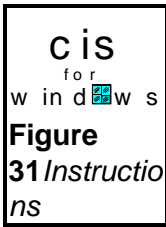
Clusters—Career Families

(continued)



To look up CIS Information for the clusters you have checked, use the computer.

Click on the *Occupations & Employment* button, then click on *Occupations*. In the list box, click on the *By Cluster* toggle, and press the **CLUSTER** button in the bottom left hand corner. Select the cluster you want to explore and press OK. The cluster title you chose will be highlighted; just press *Go to* get information about that cluster. Under Related information, review the lists of occupations in the cluster.



Click on *Information* in the menu bar and select *Occupations*. In the list box, click on the *Cluster* toggle, and press the **CLUSTERS** button on the bottom left hand corner. Select the cluster you want to explore and press *OK*. The cluster title you chose will be highlighted; just press the *Go to* button to get information about that cluster. Under Related information, review the lists of occupations in the cluster.



List occupations that you have discovered for the three clusters you marked as most interesting to you:

CLUSTER TITLES	OCCUPATION TITLES

SCIENCE AND LABORATORY OCCUPATIONS

FILE: OCCUPATIONS

OVERVIEW

People in science and laboratory occupations use scientific understanding and technical laboratory skills in their jobs. They do research and perform tests for quality control or diagnosis. You can learn about this cluster by looking at the occupational descriptions in this cluster.

TRAINING AND COURSE WORK

Many science and laboratory occupations require college degrees; so subjects that prepare for college science programs are valuable. Training for these occupations ranges from on-the-job training to four-year college programs. Universities, community colleges, technical schools, hospitals, and some private laboratories offer science and laboratory programs.

Certification is required for some occupations.

Helpful Subjects:

Algebra

Biology

Calculus

Chemistry

Earth Science

English Composition

Geometry

Health

Physics

OCCUPATIONS IN CLUSTER

Agricultural Scientists

Astronomers

Biological Scientists

Cardiovascular Technologists and Technicians

Chemists

Dental Laboratory Technicians

Denturists

Electroneurodiagnostic Technologists

Geologists

Geoscientists

Hazardous Materials Technicians

Hydrologists

Marine Biologists

Medical Laboratory Technicians

Medical Technologists

Sample excerpt from Idaho Career Information Systems.

Meteorologists
Microbiologists
Nuclear Medicine Technologists
Oceanographers
Opticians
Phlebotomists
Physical Scientists
Physicists
Quality Control Inspectors
Radiologic Technologists
Range Conservationists
Science Technicians
Wildlife Biologists

Sample excerpt from Idaho Career Information Systems.

OCCUPATION ODYSSEY



NAME _____ DATE _____

Write the titles of ten occupations that interest you in the first column below.

Refer to your lists on pages 16 and 20 in *Your Career Search* workbook.

Research these occupations using the CIS Occupations file.

Add your comments for each occupation in the second and third columns.

Choose at least four of these occupations to research more fully. Mark them with a star.

Occupation Title	What did you hear, see, or read about the occupation that particularly interests you?	What thoughts or feelings do you have about the occupation (excellent, OK, weird)?

MEDICAL LABORATORY TECHNICIANS

File: Occupations

OVERVIEW

Medical laboratory technicians perform routine tests that help doctors and other medical staff diagnose, treat, and prevent illnesses.

Medical laboratory technicians collect and prepare specimens. They perform lab tests such as urinalysis, blood counts, and chemical analysis. They may operate automatic analyzers or may perform manual tests. They may clean and sterilize laboratory equipment. They may prepare solutions, and keep records of tests. They may report test results to doctors and nurses.

Technicians may work in several areas of the lab or in just one, such as cytotechnology (study of cells) or histotechnology (study of tissue). Histology technicians cut and stain tissue specimens for microscopic examination by pathologists. Phlebotomists draw and test blood.

DOT SPECIALTIES

This occupation is based on the following Dictionary of Occupational Titles (DOT) specialties:

Medical-Laboratory Technician 078.381-014

Pharmaceutical Laboratory Technician 559.361-010

Phlebotomist 079.364-022

APTITUDES

Ability to see slight differences or changes in test substances or numerical readouts. Ability to use numbers and words. Use of fingers and hands. Eye-hand coordination. Ability to see how things fit together. Ability to make decisions using data. Ability to do precise work. Ability to direct others. Ability to see differences in colors.

WORK SETTING

Some medical lab technicians work a 40-hour week and some work more. Schedules may include evenings, nights, and weekends. Workers may rotate working weekends and holidays. They may work on call (available on short notice). They may work overtime to check tests daily and to complete tests. Medical lab technicians work as part of a team.

Medical lab technicians risk exposure to noise, unpleasant odors, chemicals, germs, and diseases. They may spend a lot of time standing at counters. They wear protective clothing such as lab jackets, latex gloves, and protective glasses. The work can create emotional and physical stress because treatment often depends on quick and accurate analysis of lab specimens.

Sample excerpt from Idaho Career Information Systems.

Major employers: Hospitals, doctors' offices and clinics, medical laboratories, other health services such as blood banks and donor stations, sperm banks, outpatient centers for alcohol and drug treatment.

HIRING PRACTICES

Employers require that medical laboratory technicians have graduated from an accredited two-year program. Most require certification. Many employers prefer people who have experience. Computer skills are important.

CURRENT EMPLOYMENT

Idaho: About 400 work in this small occupation in Idaho.

National: In 1996, medical and clinical laboratory technicians held about 121,540 jobs in this medium-sized occupation. More than one out of two work in hospitals. Most others work in medical laboratories and offices and clinics of physicians. Some work in blood banks, research and testing laboratories, and for the Federal government. In the Federal government, they hold positions at the Department of Veterans Affairs hospitals and U.S. Public Health Service facilities. About one out of six medical laboratory technicians works part-time.

WAGES

Idaho: The entry rate for medical laboratory technicians is about \$1,492/month (\$8.61/hour). Average top wage for technicians is \$3,120/month (\$18.00/hour).

Most medical and clinical technicians earn between \$1,820-\$2,895/month (\$10.50-\$16.70/hour).

National: The average wage for medical technicians is \$2,158/month (\$12.45/hour) in the United States.

OUTLOOK

Slight shortage of medical technicians. Slight surplus of phlebotomists.

In the long run employment is likely to grow moderately in the state and nation. Demand will grow as doctors use more lab tests to diagnose and treat diseases. Population growth and the development of new tests also increases the demand for medical lab technicians. Turnover creates many openings.

Automation in testing equipment limits job growth when fewer people can do more work. Using simpler test procedures, consolidating hospitals, and merging laboratories also limits job growth. In addition, robots may prepare specimens and do other work that technicians now do.

Sample excerpt from Idaho Career Information Systems.

Hiring practices of employers also affect the demand for technicians. Some employers prefer to hire medical lab technicians to save money. Others prefer to hire medical technologists for their specific training and knowledge. The outlook also depends on the number of people who complete training programs.

SKILLS

Performing laboratory analyses and using testing instruments. Verbal skills to communicate results. Analytical and problem-solving skills. Math and mechanical skills. Following procedures. Consistently performing tasks at the same level of quality. Accurately using tools to determine volume or weight. Close attention to detail. Patience. Knowledge of basic anatomy and physiology. Electronic and computer skills are becoming important.

LICENSING

Certification is voluntary, while licensure, certification, or registration are required in some states. Some states require medical laboratory technicians be licensed, certified, or registered. Licensing requirements vary by state. In Idaho, licensing is not required by the state. However, most employers require certification.

Certification is available through several national organizations and is widely accepted by employers in the health industry. Certification is a prerequisite for most jobs and often is necessary for advancement. Agencies that certify medical laboratory technicians include the Board of Registry of the American Society of Clinical Pathologists and the American Medical Technologists. The National Certification Agency for Medical Laboratory Personnel and the Credentialing Commission for the International Society for Clinical Laboratory Technology also certify these workers. These agencies have different requirements for certification and different organizational sponsors. In general, the criteria for certification of technicians are:

- high school diploma;
- graduation from an accredited clinical laboratory science program; and
- one year of experience.

For more information on certification, contact:

American Society of Clinical Pathologists
Board of Registry
2100 West Harrison Street
Chicago, IL 60612-3798
(312) 738-1336
<http://www.ascp.org>

Licensing requirements vary from state to state. People who want to work in another state should find out what that state requires.

Sample excerpt from Idaho Career Information Systems.

PREPARATION

Medical lab technicians need a two-year degree. Those who are graduates of the two-year training programs can take national certification exams. Former military and other medical lab workers without formal credentials may prove their skills by passing national proficiency exams.

TIPS

Employers recommend that students who are interested in this field take a lot of math and science courses while in high school. Helpful courses include algebra, biology, chemistry, physics, and English.

BIBLIOGRAPHY

"Occupational Outlook Handbook"

(1998-99 Edition), p. 209

Superintendent of Documents

U.S. Government Printing Office

Washington, DC 20402

Internet: <http://stats.bls.gov/ocohome.htm>

"The Complete Guide for Occupational Exploration"

(1993 Edition), p. 131

JIST Works, Inc.

720 North Park Avenue

Indianapolis, IN 46202-3431

Phone: (317) 264-3720

Fax: (800) 547-8329

Internet: <http://www.jist.com/>

"Military Careers"

(1995-98 Edition), p. 70

U.S. Department of Defense

U.S. Military Entrance Processing Center

2500 Green Bay Road

North Chicago, IL 60064-3094

Phone: (800) 323-0513

Internet: <http://www.defenselink.mil/>

Sample excerpt from Idaho Career Information Systems.

"Careers in Laboratory Animal Science" (First copy free)
American Association for Laboratory Animal Science
70 Timber Creek Drive
Cordova, TN 38018-4233
Phone: (901) 754-8620
Fax: (901) 753-0046
E-mail: info@aalas.org

"Clinical Chemistry: Partnerships in Healthcare" (Free)
The American Association for Clinical Chemistry
Education Department
2101 L Street, NW
Suite 202
Washington, DC 20037-1526
Phone: (800) 892-1400
Fax: (202) 857-5093
E-mail: info@aacc.org

"Opportunities in Medical Technology Careers" (\$11.95)
by Karen R. Karni, ISBN 0-8442-4638-7
VGM Career Books
4255 West Touhy Avenue
Lincolnwood, IL 60646-1975
Phone: (800) 323-4900
Fax: (800) 998-3103
E-mail: ntcpub@tribune.com

"Consider a Career in Cytotechnology" (First copy free)
American Society of Cytopathology
400 West Ninth Street
Suite 201
Wilmington, DE 19801
Phone: (302) 429-8802
Fax: (302) 429-8807
E-mail: asc@cytopathology.org

"Planning a Career in Biomedical Engineering" (First copy free;
send a self-addressed stamped #10 envelope)
Biomedical Engineering Society
PO Box 2399
Culver City, CA 90231
Internet: <http://mecca.mecca.org/BME/BMES/society/bmeshm.html>

Sample excerpt from Idaho Career Information Systems.

"Encyclopedia of Careers and Vocational Guidance"

Vol. 3, p. 540.

J.G. Ferguson Publishing Company

200 West Madison Street

Chicago, IL 60606

Phone: (800) 306-9941

Fax: (800) 306-9942

E-mail: fergpub@aol.com

Internet: www.fergpubco.com/faq.cs.htm

"Careers in Medical Laboratory Technology" (First copy free;

\$4.00 for each additional 10 copies)

American Society of Clinical Pathologists

Board of Registry

PO Box 12277

Chicago, IL 60612-0277

Phone: (312) 738-1336

Fax: (312) 738-5808

CAREER PATHWAY

Health Services

OCCUPATIONAL CLUSTER

Science and Laboratory Occupations

RELATED OCCUPATIONS

Medical Technologists

Phlebotomists

Radiologic Technologists

Science Technicians

Veterinary Technicians

JOB SEARCH INFORMATION

Steps to a Successful Job Search

RELATED INDUSTRIES (EMPLOYERS)

Hospitals

Medical Laboratories

Sample excerpt from Idaho Career Information Systems.

RELATED MILITARY OCCUPATION

Medical Laboratory Technicians

RELATED CIS EDUCATIONAL PROGRAMS

Chemistry Programs

Life Sciences

Medical Laboratory Technologies

Sample excerpt from Idaho Career Information Systems.